

FIG.1 PRIOR ART

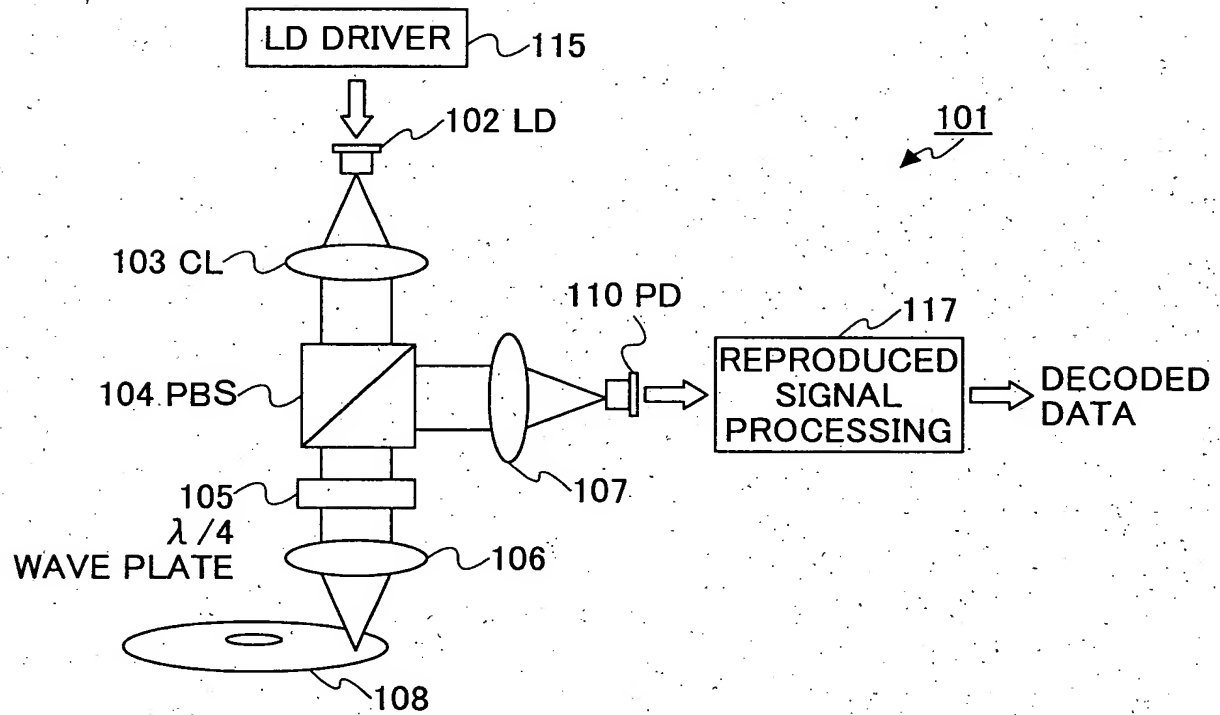


FIG.2 PRIOR ART

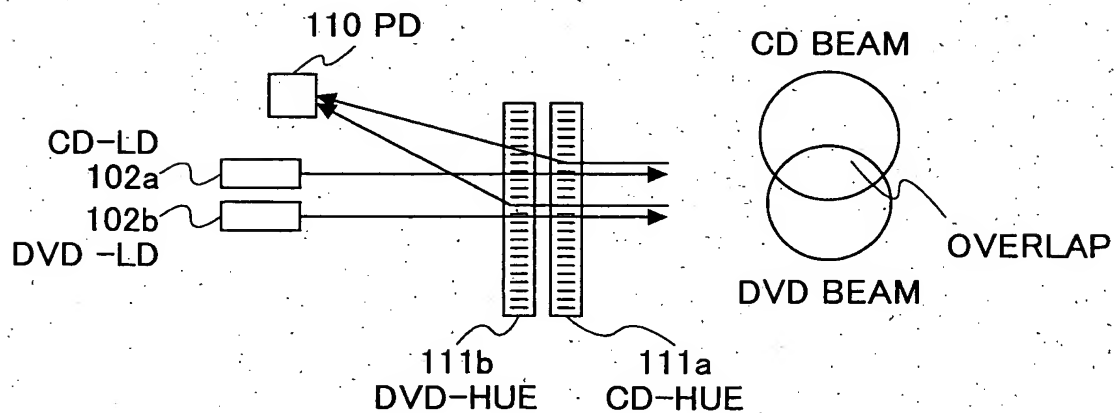


FIG.3 PRIOR ART

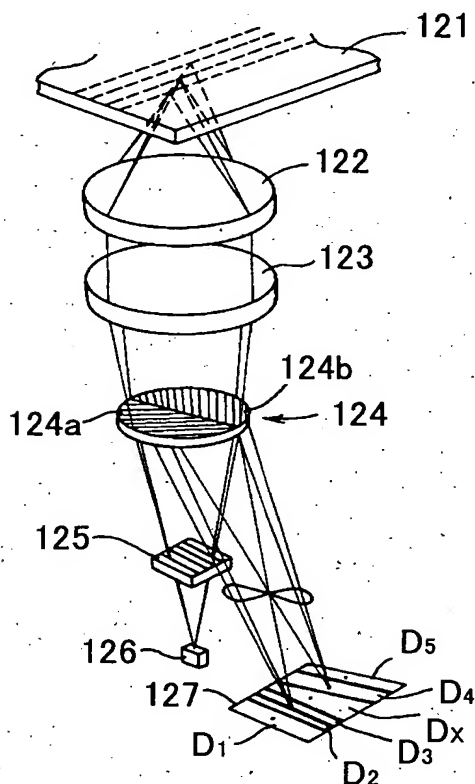
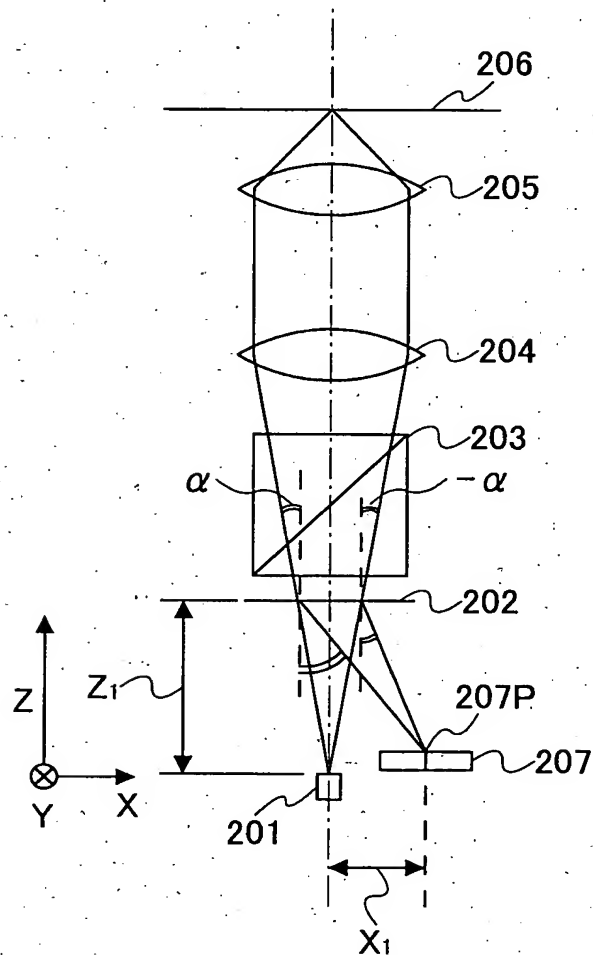


FIG.4 PRIOR ART



## PRIOR ART

FIG.5A

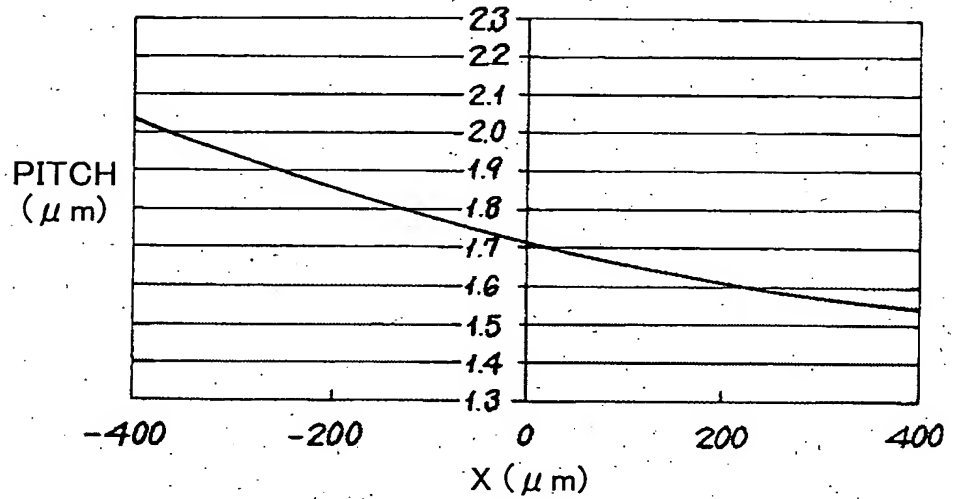
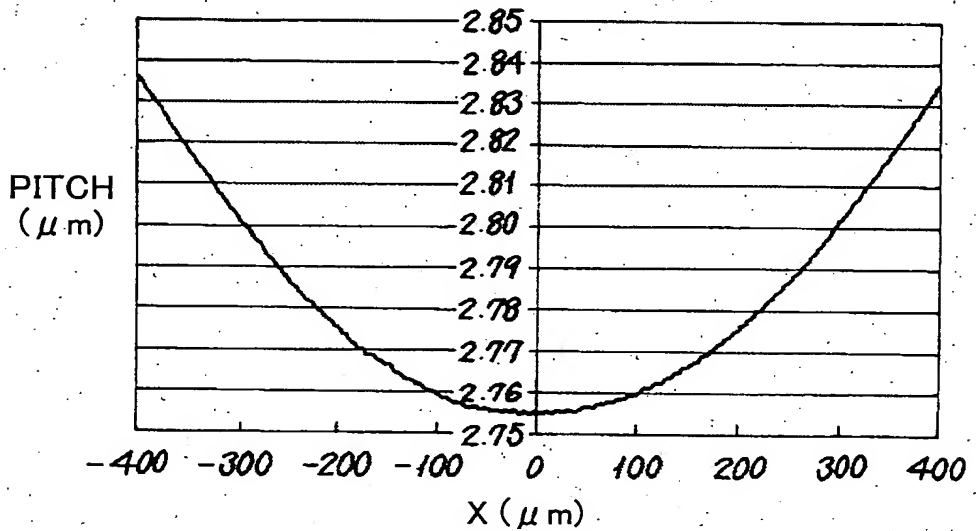


FIG.5B



## FIG.6 PRIOR ART

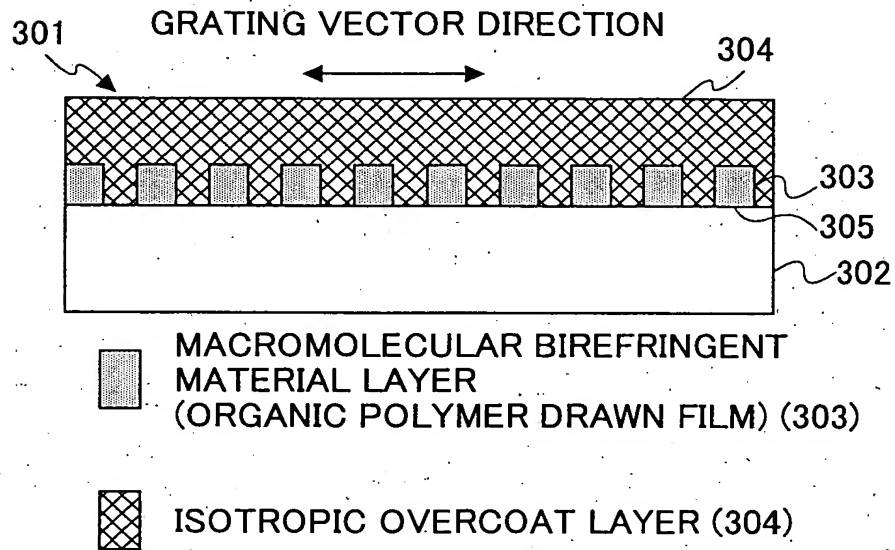


FIG.7

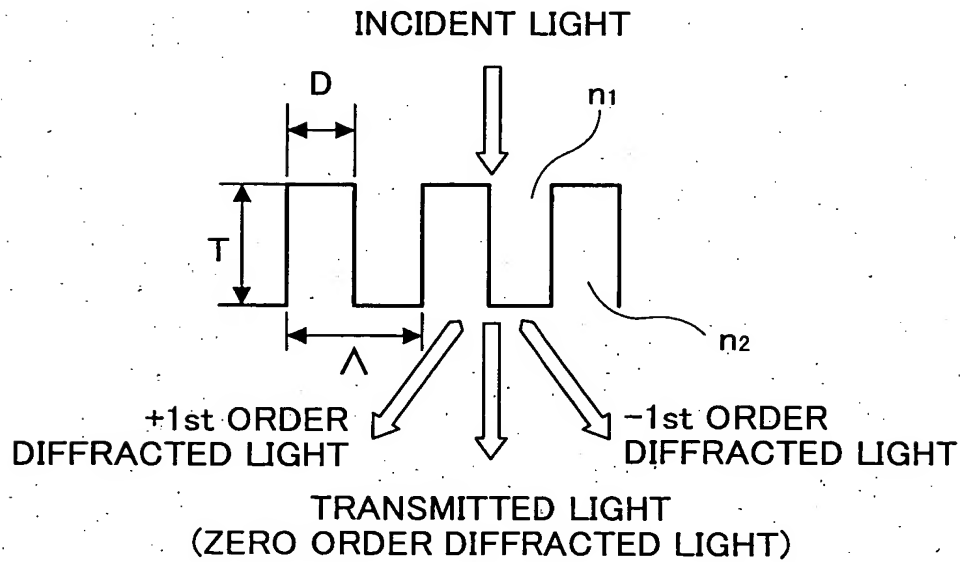


FIG.8

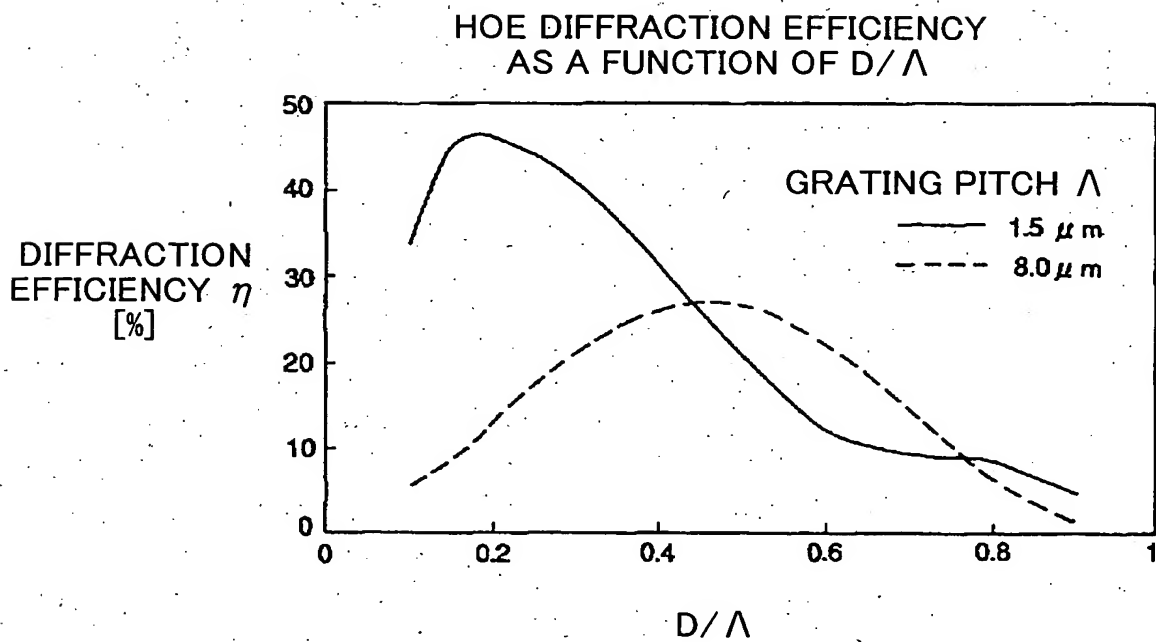


FIG.9A

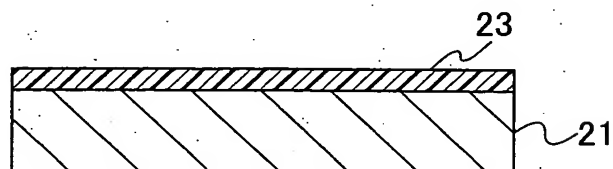


FIG.9B

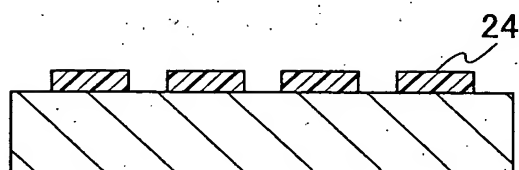


FIG.9C

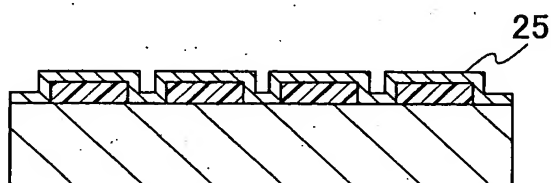


FIG.9D

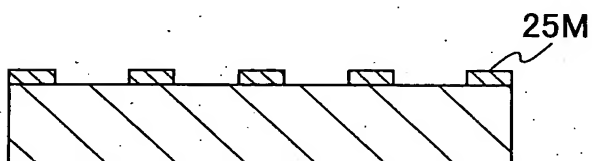


FIG.9E

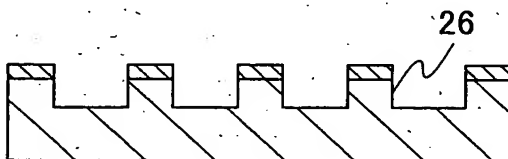


FIG.9F



FIG.10

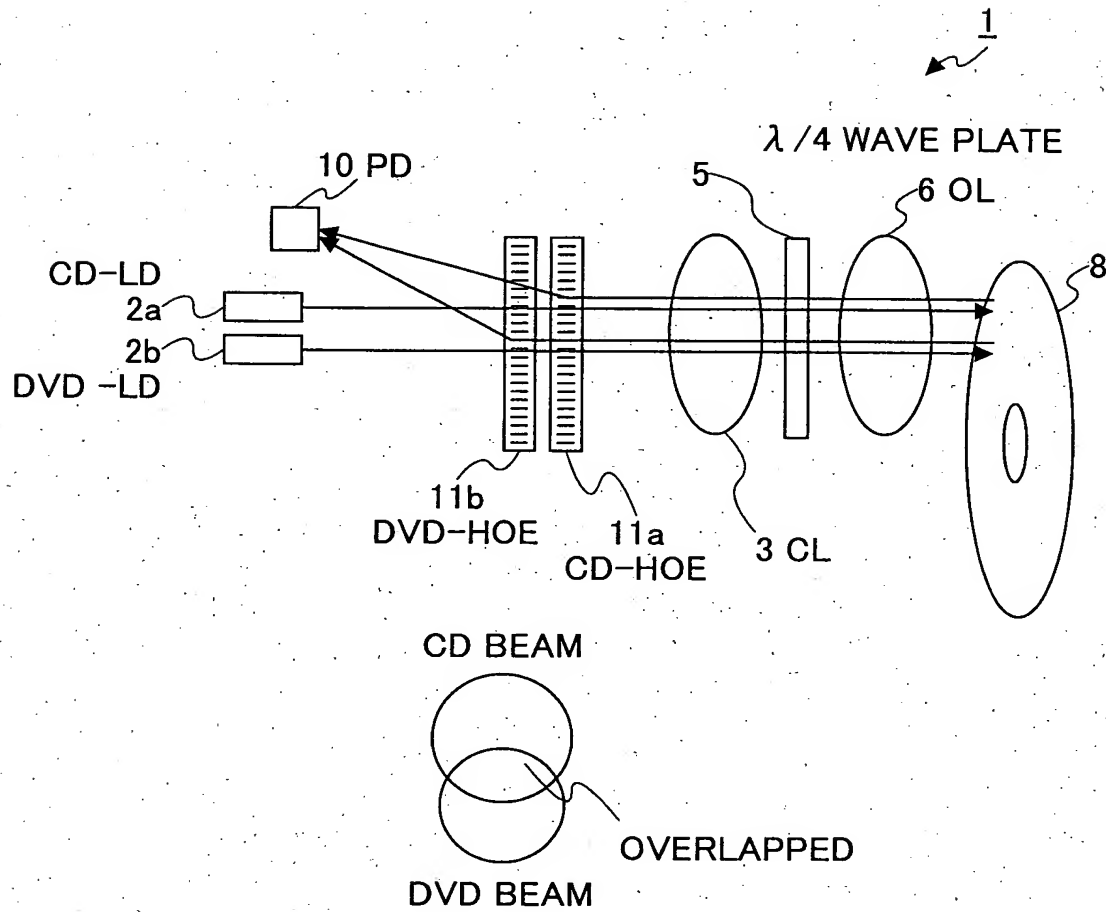




FIG.11

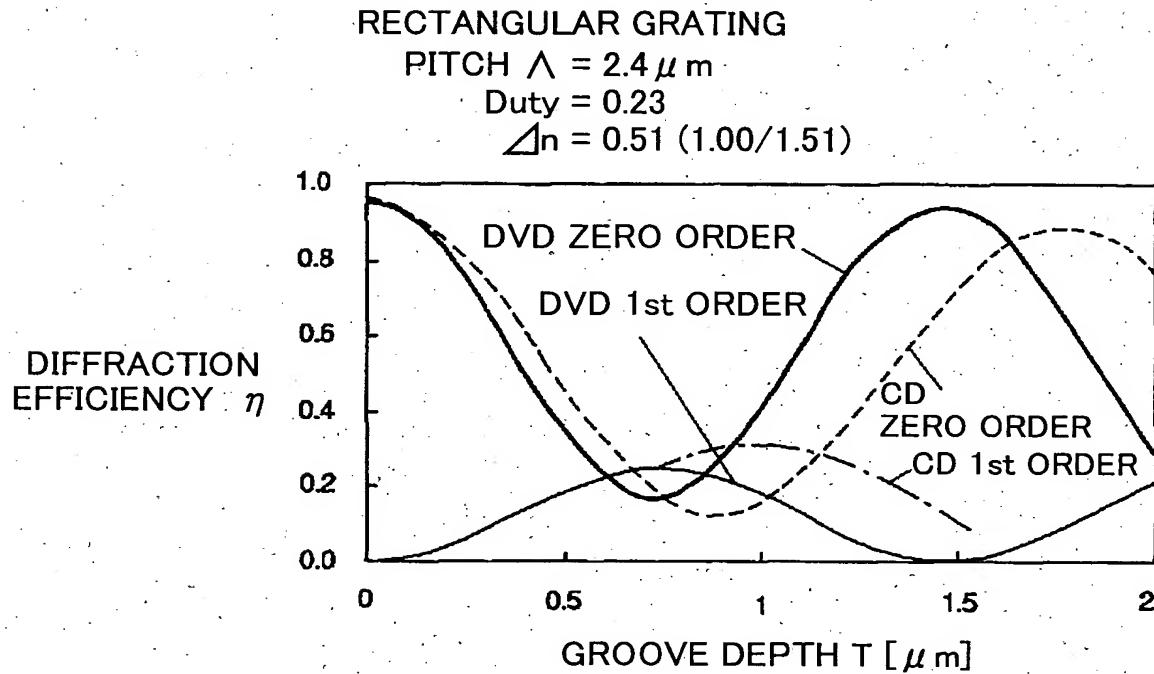


FIG.12

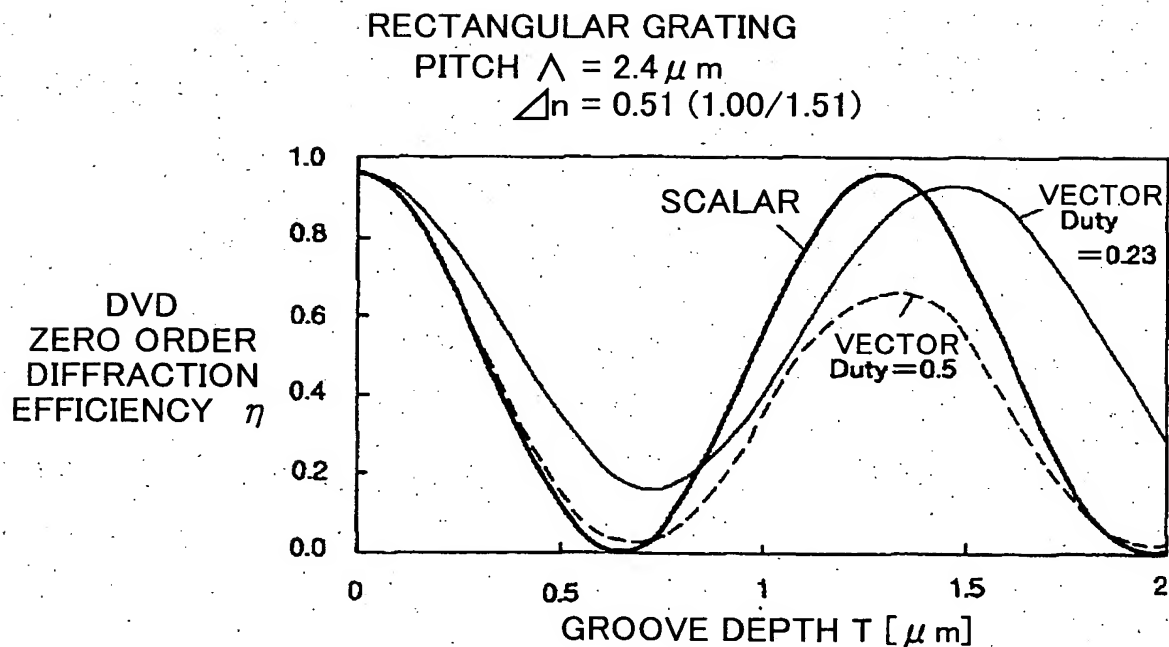


FIG.13A

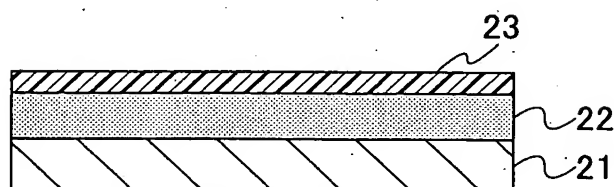


FIG.13B

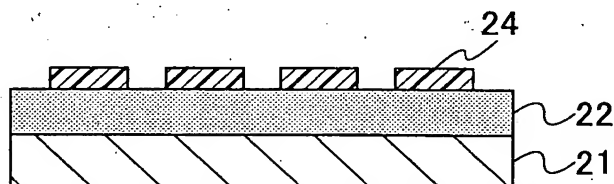


FIG.13C

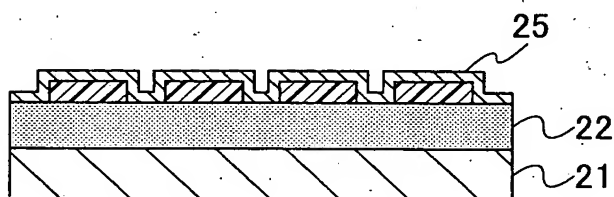


FIG.13D

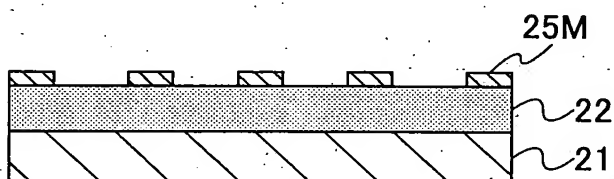


FIG.13E

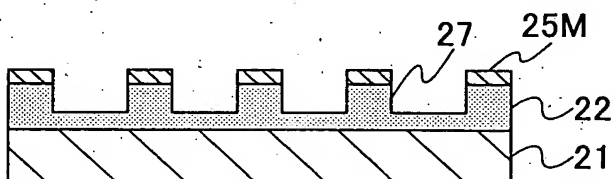


FIG.13F

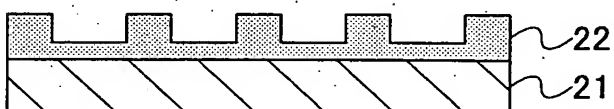


FIG.13G

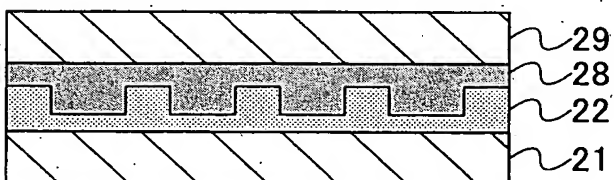


FIG.14

RECTANGULAR GRATING

PITCH  $\Lambda = 2.0 \mu\text{m}$

GROOVE DEPTH  $T = 5.8 \mu\text{m}$

$D/\Lambda = 0.26$

$\Delta n = 0.2$

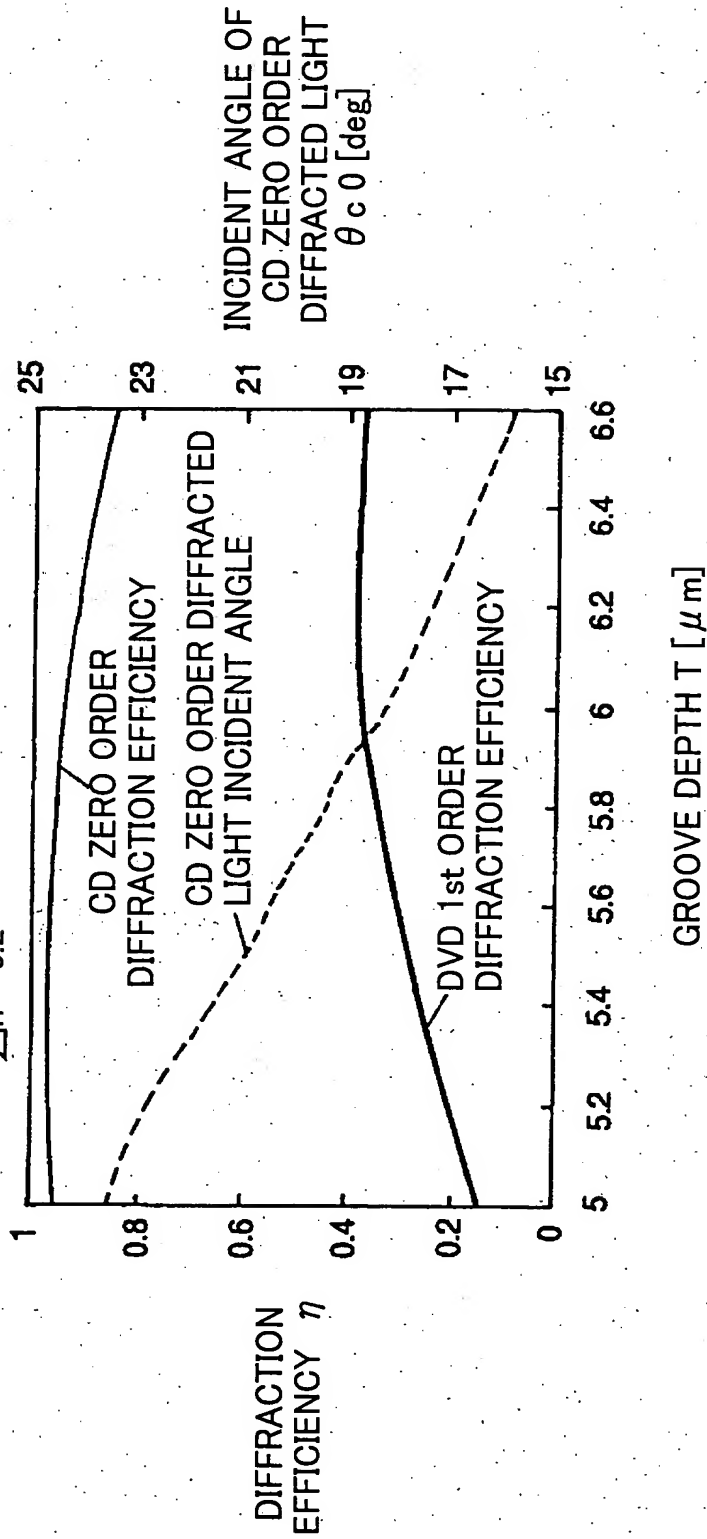


FIG.15

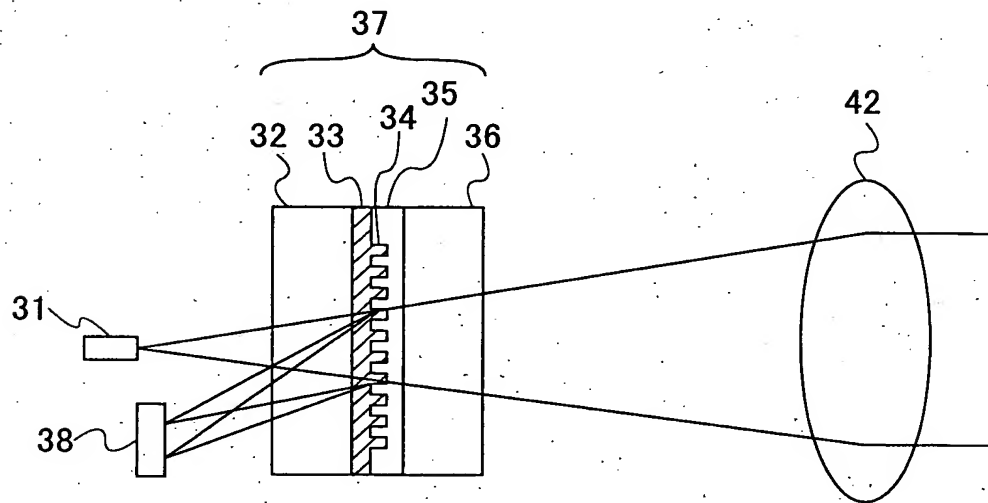


FIG.16

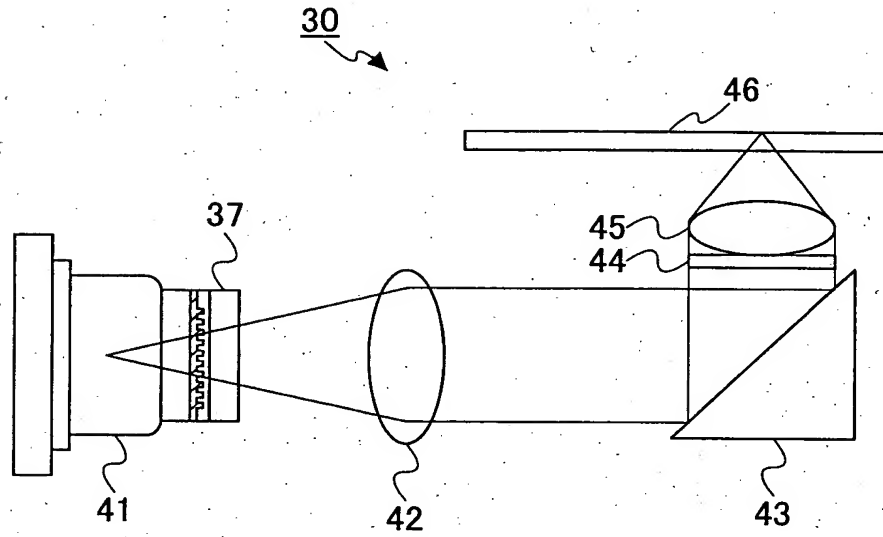


FIG.17A

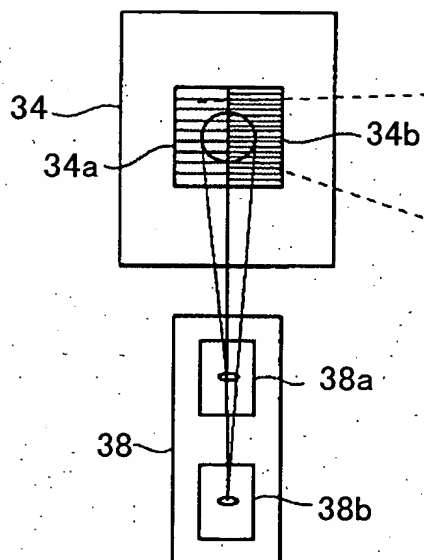


FIG.17B

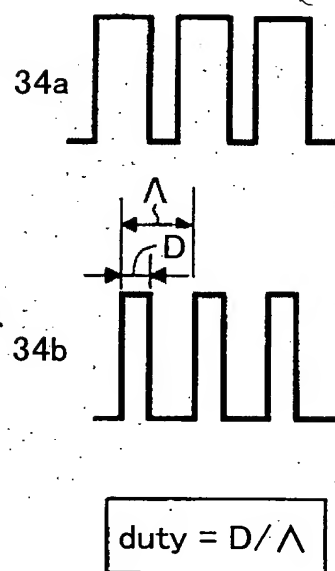


FIG.18

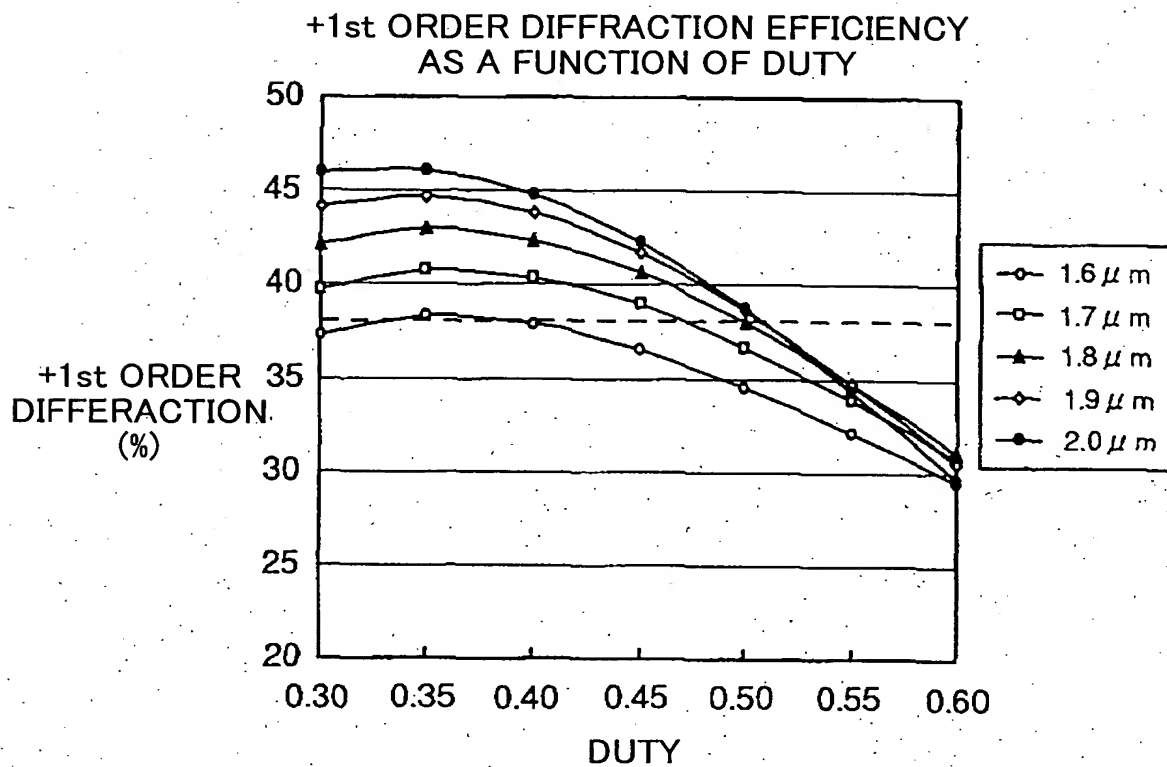


FIG.19A

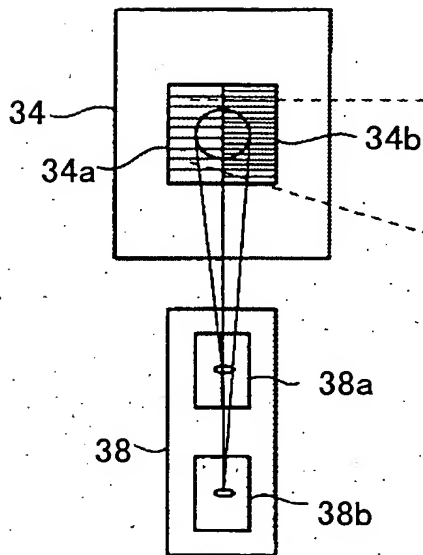


FIG.19B

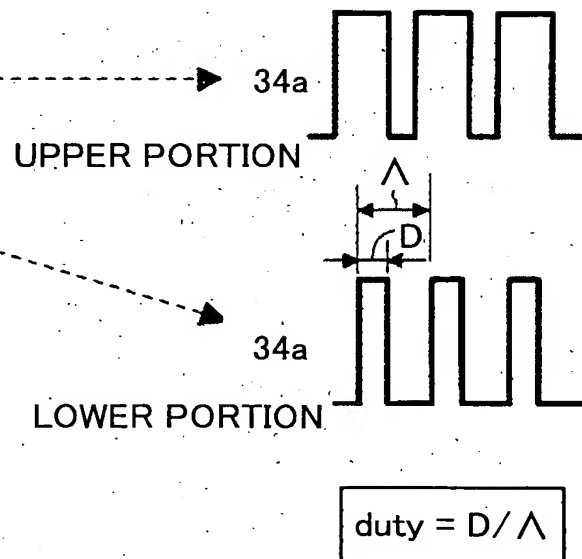




FIG.20

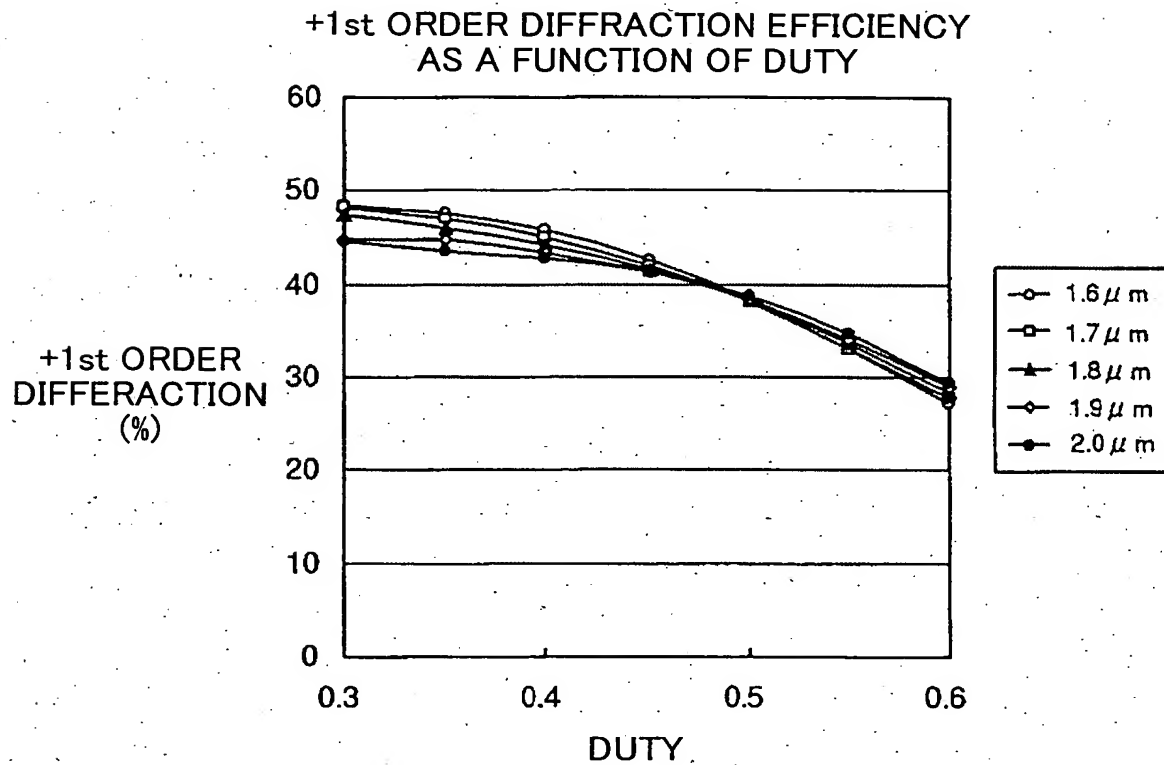


FIG.21B

FIG.21A

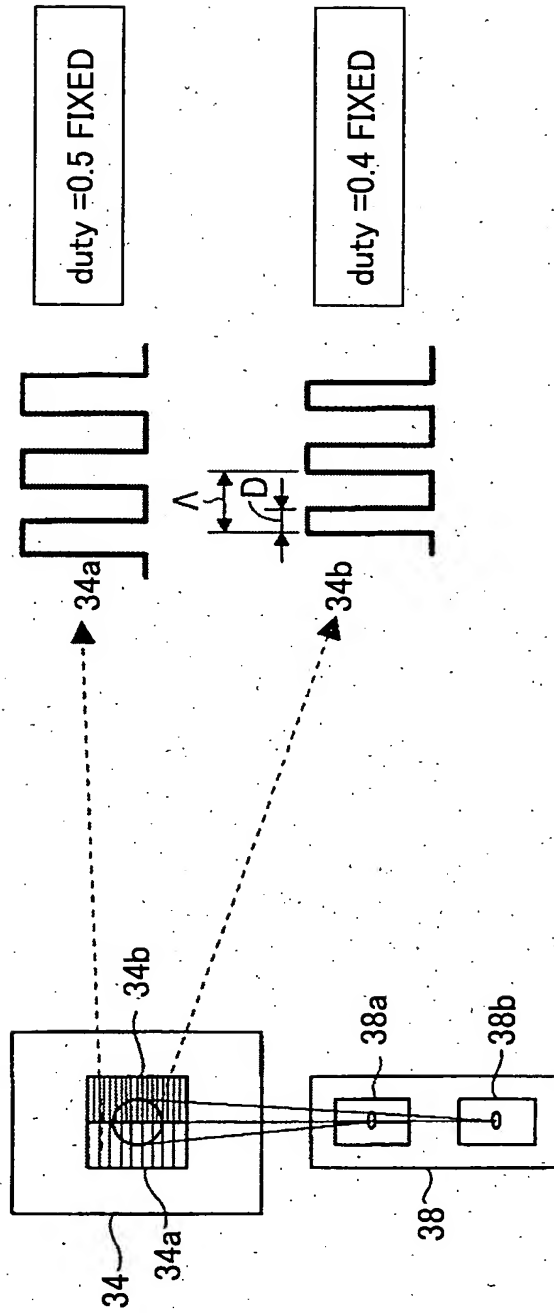


FIG.22

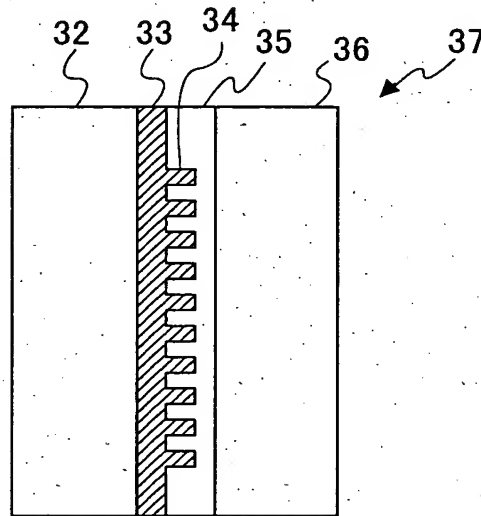


FIG.23

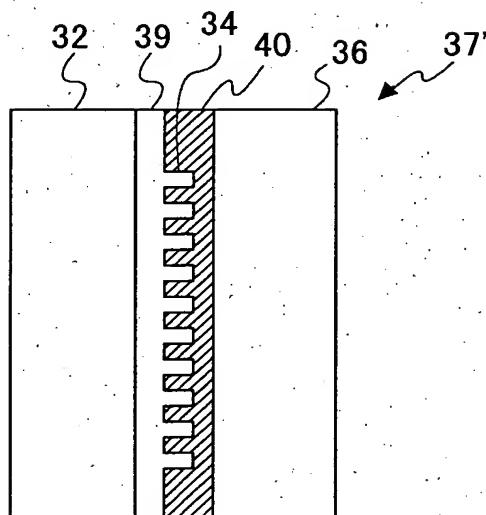


FIG.24

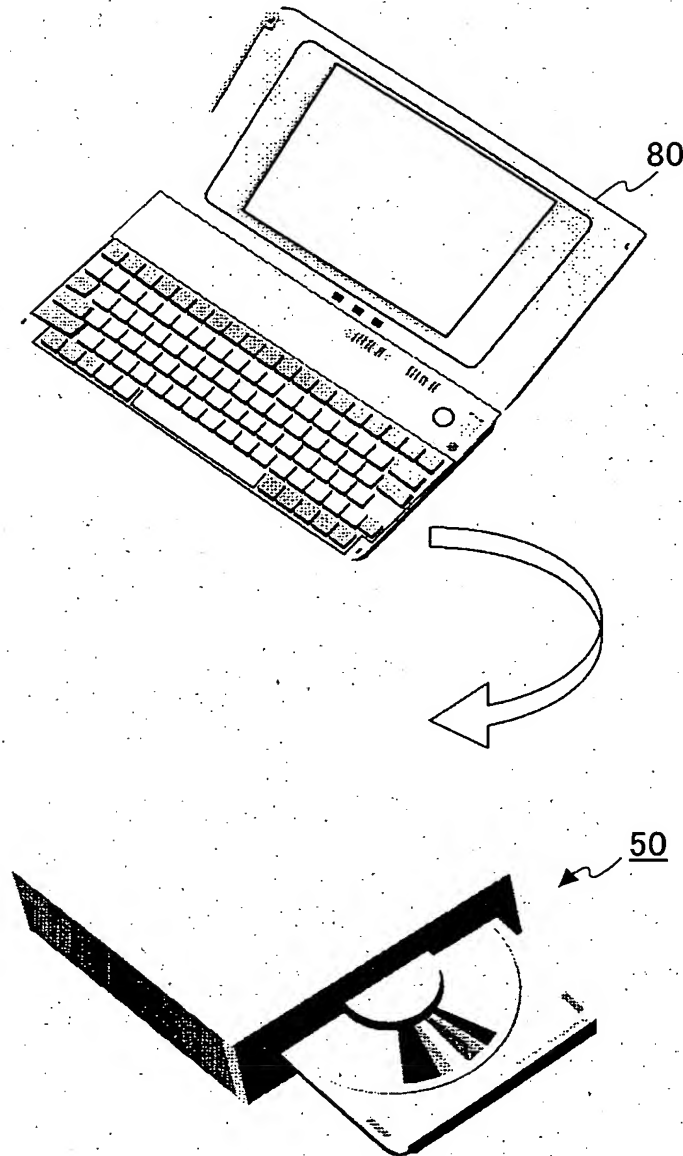


FIG.25

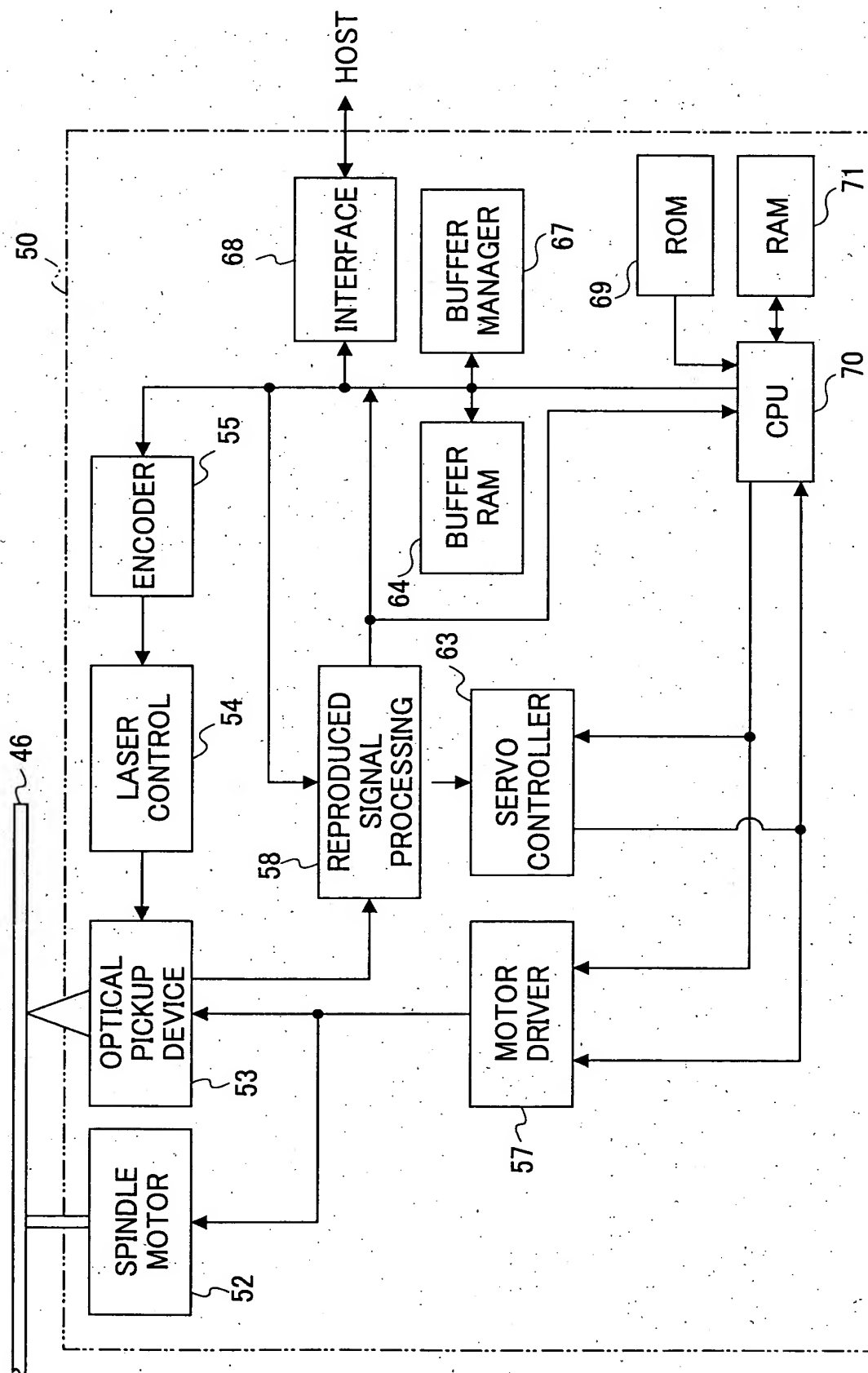


FIG.26

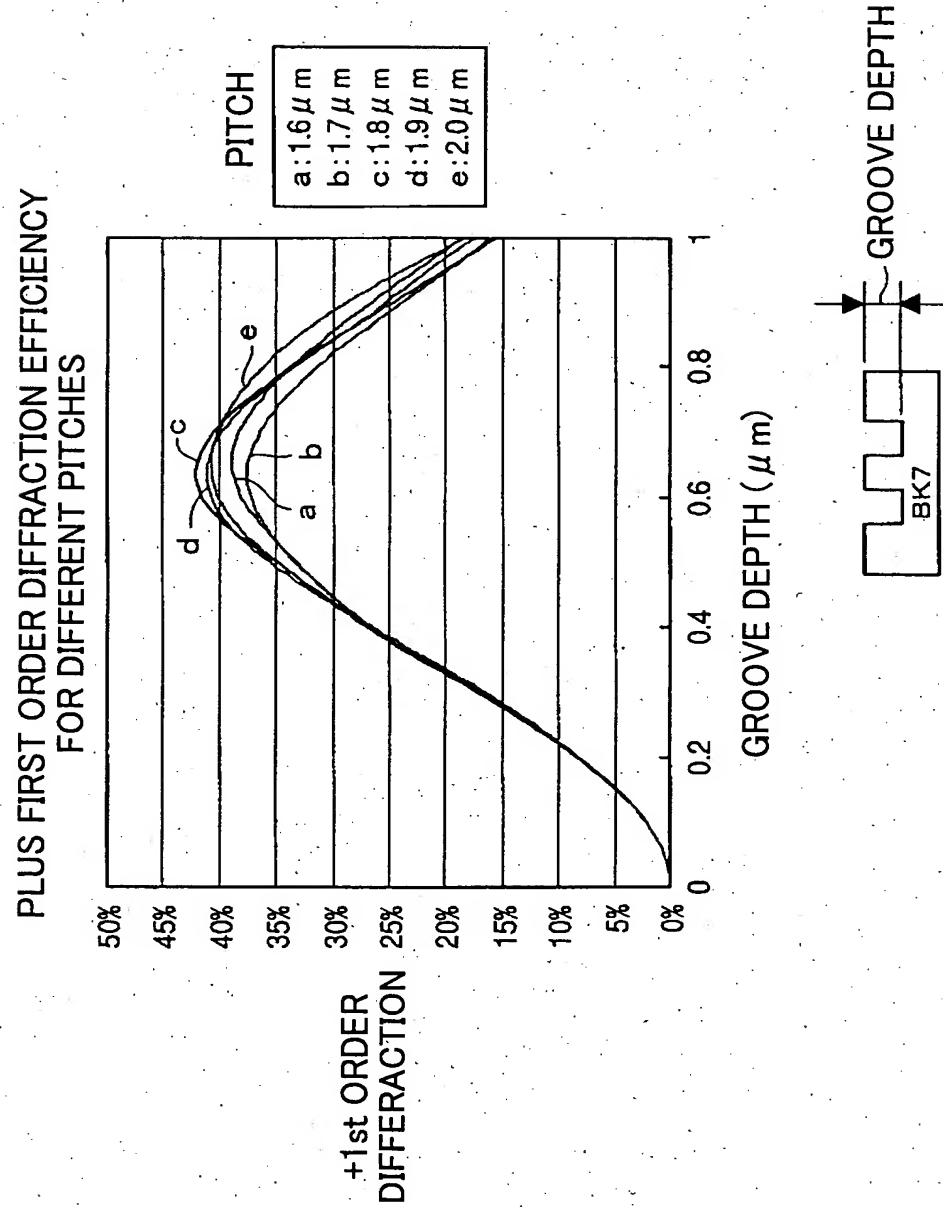


FIG.27

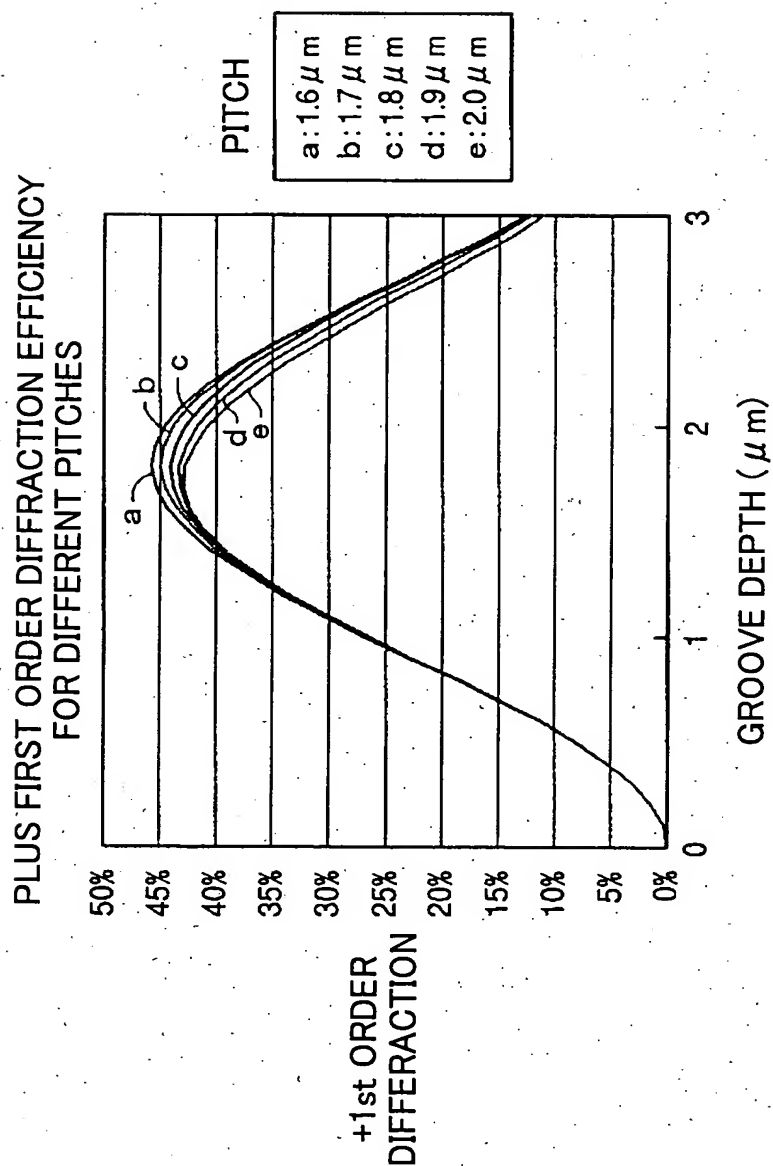


FIG.28

PLUS FIRST ORDER DIFFRACTION EFFICIENCY  
 FOR DIFFERENT PITCHES

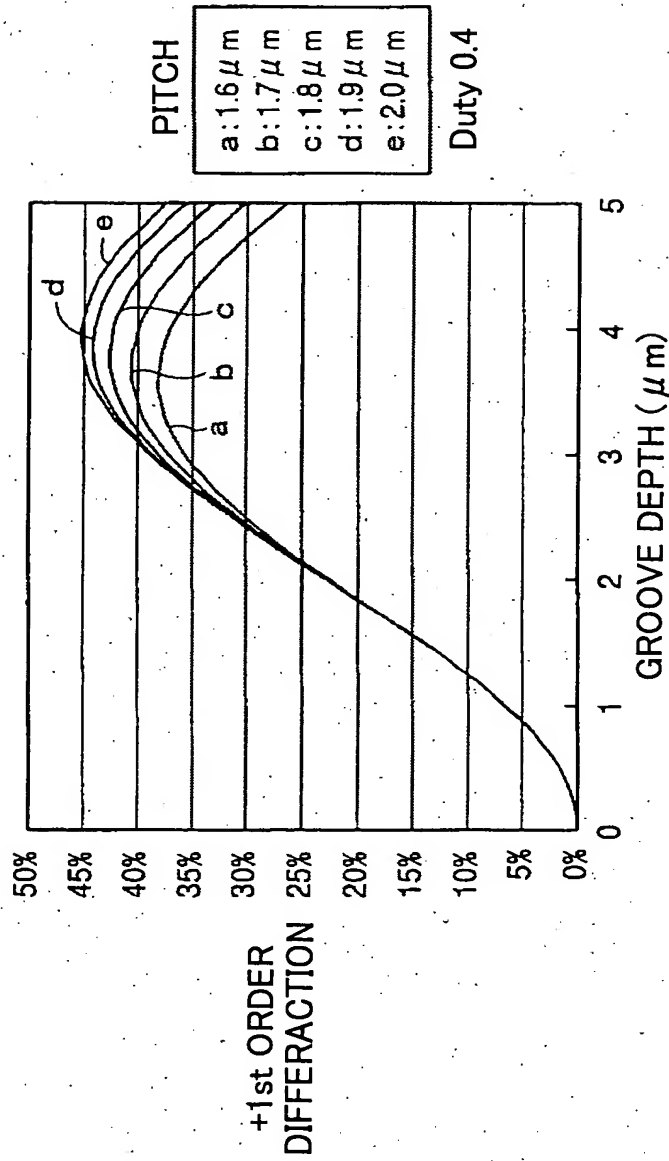




FIG.29

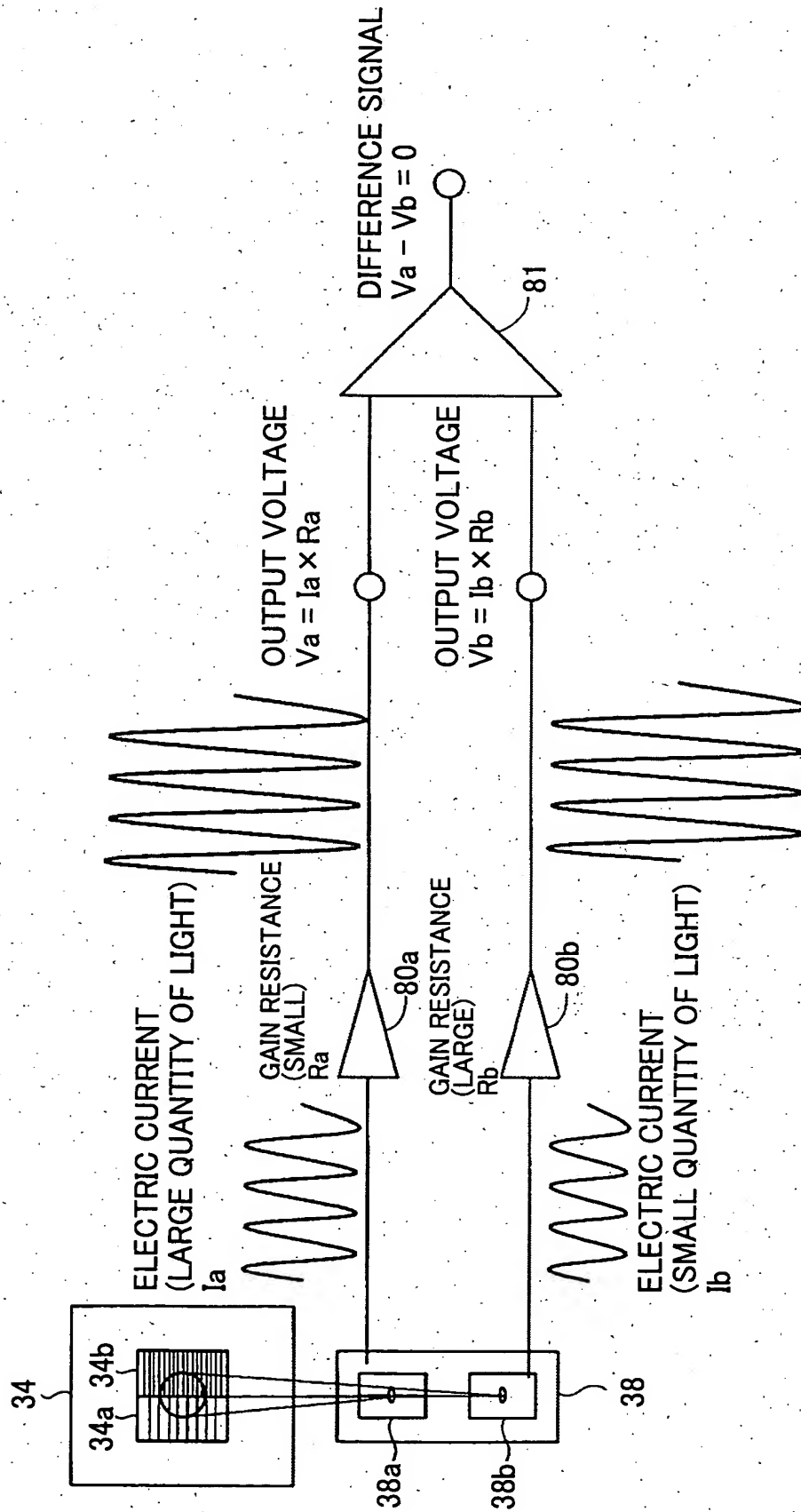


FIG.30

